

LUD 5480.2 DIV (10109389)

IN THE CLAIMS

Claims 1-24. (Canceled)

Claim 25. (Previously presented) A method for determining expression of an SSX4 gene, comprising contacting a sample with an isolated antibody which specifically binds to a protein (i) encoded by an isolated nucleic acid molecule having the nucleotide sequence of SEQ ID NO: 1, or (ii) encoded by an isolated nucleic acid having nucleotides 1-330 of SEQ ID NO: 1, concatenated to nucleotides 467-576 of SEQ ID NO: 1, and determining binding of said antibody to a target as a determination of expression of SSX4.

Claim 26. (Previously Presented) The method of claim 25, wherein binding of said antibody to said target as a determination of expression of SSX4 is indicative of cancer cells being present in said sample.

Claim 27. (Previously Presented) The method of claim 26, wherein said cancer is melanoma.

Claim 28. (New) A method for determining expression of an SSX4 gene, comprising contacting a sample with an isolated antibody which specifically binds to a protein encoded by an isolated nucleic acid molecule having the nucleotide sequence of SEQ ID NO: 2, and determining binding of said antibody to a target as a determination of expression of SSX5.

Claim 29. (New) The method of claim 28, wherein binding of said antibody to said target as a determination of expression of SSX5 is indicative of cancer cells being present in said sample.

Claim 30. (New) The method of claim 29, wherein said cancer is melanoma.